



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/033,301

DATE: 01/17/2002

TIME: 16:04:57

Input Set : A:\Seq\_Listing\_-\_P2930R1C6.wpd

Output Set: N:\CRF3\01172002\J033301.raw

**Does Not Comply  
Corrected Diskette Needed**

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3 <110> APPLICANT: Botstein,David
4   Desnoyers,Luc
5   Ferrara,Napoleone
6   Fong,Sherman
7   Gao,Wei-Qiang
8   Goddard,Audrey
9   Gurney,Austin L.
10  Pan,James
11  Roy,Margaret Ann
12  Stewart,Timothy A.
13  Tumas,Daniel
14  Watanabe,Colin K.
15  Wood,William I.
17 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
18   Acids Encoding the Same
20 <130> FILE REFERENCE: P2930R1C6
C--> 22 <140> CURRENT APPLICATION NUMBER: US/10/033,301
C--> 22 <141> CURRENT FILING DATE: 2001-12-27
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23 <151> PRIOR FILING DATE: 1998-08-04
25 <150> PRIOR APPLICATION NUMBER: 60/112,851
26 <151> PRIOR FILING DATE: 1998-12-16
28 <150> PRIOR APPLICATION NUMBER: 60/113,145
29 <151> PRIOR FILING DATE: 1998-12-16
31 <150> PRIOR APPLICATION NUMBER: 60/113,511
32 <151> PRIOR FILING DATE: 1998-12-22
34 <150> PRIOR APPLICATION NUMBER: 60/115,558
35 <151> PRIOR FILING DATE: 1999-01-12
37 <150> PRIOR APPLICATION NUMBER: 60/115,565
38 <151> PRIOR FILING DATE: 1999-01-12
40 <150> PRIOR APPLICATION NUMBER: 60/115,733
41 <151> PRIOR FILING DATE: 1999-01-12
43 <150> PRIOR APPLICATION NUMBER: 60/119,341
44 <151> PRIOR FILING DATE: 1999-02-09
46 <150> PRIOR APPLICATION NUMBER: 60/119,537
47 <151> PRIOR FILING DATE: 1999-02-10
49 <150> PRIOR APPLICATION NUMBER: 60/119,965
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52 <150> PRIOR APPLICATION NUMBER: 60/162,506
53 <151> PRIOR FILING DATE: 1999-10-29
55 <150> PRIOR APPLICATION NUMBER: 60/170,262
56 <151> PRIOR FILING DATE: 1999-12-09
58 <150> PRIOR APPLICATION NUMBER: 60/187,202

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 62 <151> PRIOR FILING DATE: 1999-06-02  
 64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28634  
 65 <151> PRIOR FILING DATE: 1999-12-01  
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 68 <151> PRIOR FILING DATE: 1999-12-02  
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 71 <151> PRIOR FILING DATE: 2000-02-11  
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 74 <151> PRIOR FILING DATE: 2000-02-22  
 76 <150> PRIOR APPLICATION NUMBER: PCT/US00/05841  
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 86 <151> PRIOR FILING DATE: 2000-06-02  
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 105 ctgctaggcc tctgtgcccg ggcttggaat tcggtgcgga tggccagctc 100  
 107 cgggatgacc cgccgggacc cgctcgcaaa taaggtggcc ctggtaacgg 150  
 109 cctccaccga cgggatcggc ttcgccatcg cccggcggtt ggcccaggac 200  
 111 ggggcccatt tggctcgtag cagccggaag cagcagaatg tggaccaggc 250  
 113 ggtggccacg ctgcaggggg aggggctgag cgtgacgggc accgtgtgcc 300  
 115 atgtggggaa ggccggaggac cgggagcggc tgggtggccac ggctgtgaag 350  
 117 cttcatggag gtatcgatat cctagtctcc aatgctgctg tcaacccttt 400  
 119 ctttgggaagc ataattgatg tcaactgagga ggtgtgggac aagactctgg 450  
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 125 cttcagtcga tctcctggct tcagtcctta caatgtcagt aaaacagcct 600  
 127 tgctgggcct gaccaagacc ctggccatag agctggcccc aaggaacatt 650  
 129 aggggtgaact gcctagcacc tggacttatc aagactagct tcagcaggat 700  
 131 gctctggatg gacaaggaaa aagaggaaa catgaaagaa accctgcgga 750  
 133 taagaagggtt aggcgagcca gaggattgtg ctggcatcgt gtctttcctg 800  
 135 tgctctgaag atgccageta catcactggg gaaacagtgg tgggtgggtg 850  
 137 aggaaccccg tcccgcctct gaggaccggg agacagccca caggccagag 900  
 139 ttgggctcta gctcctggtg ctgttcctgc attcaccac tggcctttcc 950  
 141 cacctctgct caccttactg ttcacctcat caaatcagtt ctgccctgtg 1000

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143 aaaagatcca gccttccttg ccgtcaaggt ggcgtcttac tcgggattcc 1050
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147 gcctgctgac aaggctgagt ctaccttggc aaagaccaag atattttttc 1150
149 ctgggccact ggtgaatctg aggggtgatg ggagagaagg aacctggagt 1200
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156 <211> LENGTH: 278
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158 <213> ORGANISM: Homo sapiens
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162 1 5 10 15
164 Ser Val Arg Met Ala Ser Ser Gly Met Thr Arg Arg Asp Pro Leu
165 20 25 30
167 Ala Asn Lys Val Ala Leu Val Thr Ala Ser Thr Asp Gly Ile Gly
168 35 40 45
170 Phe Ala Ile Ala Arg Arg Leu Ala Gln Asp Gly Ala His Val Val
171 50 55 60
173 Val Ser Ser Arg Lys Gln Gln Asn Val Asp Gln Ala Val Ala Thr
174 65 70 75
176 Leu Gln Gly Glu Gly Leu Ser Val Thr Gly Thr Val Cys His Val
177 80 85 90
179 Gly Lys Ala Glu Asp Arg Glu Arg Leu Val Ala Thr Ala Val Lys
180 95 100 105
182 Leu His Gly Gly Ile Asp Ile Leu Val Ser Asn Ala Ala Val Asn
183 110 115 120
185 Pro Phe Phe Gly Ser Ile Met Asp Val Thr Glu Glu Val Trp Asp
186 125 130 135
188 Lys Thr Leu Asp Ile Asn Val Lys Ala Pro Ala Leu Met Thr Lys
189 140 145 150
191 Ala Val Val Pro Glu Met Glu Lys Arg Gly Gly Gly Ser Val Val
192 155 160 165
194 Ile Val Ser Ser Ile Ala Ala Phe Ser Pro Ser Pro Gly Phe Ser
195 170 175 180
197 Pro Tyr Asn Val Ser Lys Thr Ala Leu Leu Gly Leu Thr Lys Thr
198 185 190 195
200 Leu Ala Ile Glu Leu Ala Pro Arg Asn Ile Arg Val Asn Cys Leu
201 200 205 210
203 Ala Pro Gly Leu Ile Lys Thr Ser Phe Ser Arg Met Leu Trp Met
204 215 220 225
206 Asp Lys Glu Lys Glu Glu Ser Met Lys Glu Thr Leu Arg Ile Arg
207 230 235 240
209 Arg Leu Gly Glu Pro Glu Asp Cys Ala Gly Ile Val Ser Phe Leu
210 245 250 255
212 Cys Ser Glu Asp Ala Ser Tyr Ile Thr Gly Glu Thr Val Val Val
213 260 265 270
215 Gly Gly Gly Thr Pro Ser Arg Leu
216 275

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220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
226 <400> SEQUENCE: 3
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231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
237 <400> SEQUENCE: 4
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240 <210> SEQ ID NO: 5
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242 <212> TYPE: DNA
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253 <212> TYPE: DNA
254 <213> ORGANISM: Homo sapiens
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261 ggcgcagcag ctgctgaccc tgcagaacca ggtggcgcgg ctggaggagg 150
263 agaaccgaga ctttctggct gcgctggagg acgcatgga gcagtacaaa 200
265 ctgcagagcg accggtgctg tgagcagcag gaggagatgg tggaaactgc 250
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287 ggctggccca ggcccagcag aagatccggg agctggctat caacatccgc 800
289 atgaaggagg agcttattgg cgagctggtc cgcacaggaa aggcagctca 850
291 ggccctgaac cgccagcaca gccagcgtat ccgggagctg gaggaggagg 900
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297 gttccgcagg agggtcgctg cggcccagag ccagggtgcag gtgctgaagg 1050
299 agaagaagca ggctacggag cggctggtgt cactgtcggc ccagagtgcg 1100
301 aagcgactgc aggagctcga gcggaacgtg cagctcatgc ggcagcagca 1150
303 gggacagctg cagagggcgg ttcgcgagga gacggagcag aagcggcgcc 1200
305 tggaggcaga aatgagcaag cggcagcacc gcgtcaagga gctggagctg 1250
307 aagcatgagc aacagcagaa gatcctgaag attaagacgg aagagatcgc 1300
309 ggccttccag aggaagaggc gcagtggcag caacggctct gtggtcagcc 1350
311 tggaaacagca gcagaagatt gaggagcaga agaagtggct ggaccaggag 1400
313 atggagaagg tgctacagca gcggcgggcg ctggaggagc tgggggagga 1450
315 gctccacaag cgggaggcca tctggccaa gaaggaggcc ctgatgcagg 1500
317 agaagacggg gctggagagc aagcgctga gatccagcca ggccctcaac 1550
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321 gtccgagaag agcgggcagc tgcggcaggg cagcggccag agccagcagc 1650
323 agatccgcgg ggagatcgac agcctgcgcc aggagaagga ctcgctgctc 1700
325 aagcagcgcc tggagatcga cggcaagctg aggcagggga gtctgctgtc 1750
327 ccccgaggag gagcggagcg tgttccagtt ggatgaggcc atcgaggccc 1800
329 tggatgctgc cattgagtat aagaatgagg ccatcacatg ccgccagcgg 1850
331 gtgcttcggg cctcagcctc gttgctgtcc cagtgcgaga tgaacctcat 1900
333 ggccaagctc agctacctct catcctcaga gaccagagcc ctctcttgc 1950
335 agtattttga caaggtggtg acgctccgag aggagcagca ccagcagcag 2000
337 attgccttct cggaaactgga gatgcagctg gaggagcagc agaggctggt 2050
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377 tcatcacgaa agggtcggtg gcaaccagggt tgtggtttta atggtcttat 3050
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385 <212> TYPE: PRT
386 <213> ORGANISM: Homo sapiens
388 <400> SEQUENCE: 7
389 Met Glu Gln Tyr Lys Leu Gln Ser Asp Arg Leu Arg Glu Gln Gln

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## VERIFICATION SUMMARY

DATE: 01/17/2002

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Input Set : A:\Seq\_Listing\_-\_P2930R1C6.wpd

Output Set: N:\CRF3\01172002\J033301.raw

L:22 M:270 C: Current Application Number differs, Replaced Current Application No  
L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:77 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:92 M:280 W: Numeric Identifier already exists, <140> found multiple times  
L:92 M:281 W: Numeric Fields not Ordered, <140> not ordered!.  
L:92 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:93 M:281 W: Numeric Fields not Ordered, <141> not ordered!.  
L:93 M:271 C: Current Filing Date differs, Replaced Current Filing Date